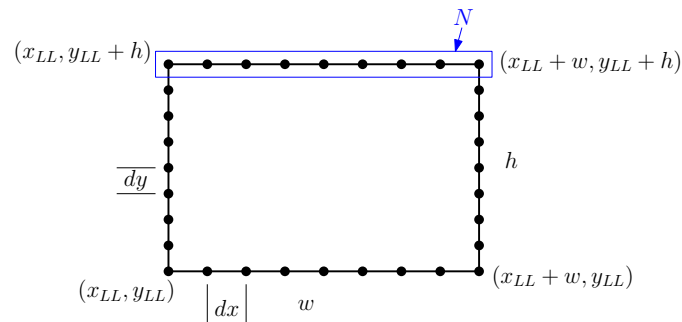# Points along a Rectangle

EGR 445: Project 1, Stepping Stone 1

This assignment is a first step toward your first project, drawing a rectangle using a 2D/2 link robot. Your program must get several values from the user:

- the x and y coordinates of the lower-left corner of a rectangle, (x_{LL}, y_{LL})
- the width and height of the rectangle, w and h
- the number of points per side of the rectangle, N

After receiving the parameters above, your code must then find the (x, y) coordinates of all the points along the rectangle.

Python Note

- You do not need to do anything special to get the values from the user; you can simply set the parameters in a cell or multiple cells in your Jupyter notebook.
- Your code should combined the (x, y) pairs into a list containing all of the points.